

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DKT. NO. 77297.006010	SERIAL NO. Unassigned
	APPLICANT Mark Lowell et al.	
	FILING DATE December 23, 2003	GROUP Unassigned

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
	2001/0019193	9/06/01	Gumina	273	139	5/03/01
	2001/0036855	11/01/01	Defrees-Parrot et al.	463	17	5/03/01
	2002/0039917	4/04/02	Armstrong et al.	463	16	8/03/01
	2002/0072404	6/13/02	Gerow	463	27	10/29/01
	2002/0082070	6/27/02	Macke et al.	463	16	12/22/00
	2002/0098882	7/25/02	Lind et al.	463	17	10/23/01
	2003/0030211	2/13/03	Brown	273	139	8/05/02
	2003/0067109	4/10/03	Such	273	138.1	10/10/02
	3900219	8/19/75	D'Amato et al.	283	6	4/23/73
	4033611	7/05/77	Johnsen	283	6	7/14/73
	4087092	5/02/78	Krause et al.	273	138 A	10/07/76
	4157829	6/12/79	Goldman et al.	273	138 A	10/22/76
	4373726	2/15/83	Churchill et al.	273	138 A	8/25/80
	4491319	1/01/85	Nelson	273	1 R	10/14/83
	4494197	1/15/85	Troy et al.	364	412	2/22/84
	4652998	3/24/87	Koza et al.	364	412	1/04/84
	4669729	6/02/87	Solitt et al.	273	138 A	10/31/85
	4677553	6/30/87	Roberts et al.	364	412	11/9/84
	4689742	8/25/87	Troy et al.	364	412	5/05/86
	4725079	2/16/88	Koza et al.	283	73	7/11/86
	4740016	4/26/88	Konecny et al.	283	903	6/27/86
	4817949	4/04/89	Bachman et al.	273	139	6/08/87

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	4817951	4/04/89	Crouch et al.	273	143 R	6/25/87
	4832341	5/23/89	Muller et al.	273	139	8/21/86
	4837728	6/06/89	Barrie et al.	364	412	1/25/84
	4839507	6/13/89	May	235	381	3/17/88
	4842278	6/27/89	Markowicz	273	138 A	6/10/88
	4880964	11/14/89	Donahue	235	462	6/14/84
	4943090	7/24/90	Fienberg	273	139	4/10/89
	4982337	1/01/91	Burr et al.	364	479	12/03/87
	5007641	4/16/91	Seidman	273	138 A	9/20/89
	5037099	8/06/91	Burtch	273	139	3/08/90
	5039848	8/13/91	Stoken	235	381	3/23/89
	5042809	8/27/91	Richardson	273	138 A	11/20/90
	5046737	9/10/91	Fienberg	273	139	11/23/90
	5092598	3/03/92	Kamille	273	139	10/02/89
	5118109	6/02/92	Gumina	273	139	4/30/91
	5158293	10/27/92	Mullins	273	139	9/27/91
	5193815	3/16/93	Pollard	273	269	4/22/92
	5217258	6/08/93	Sanderson	283	105	4/22/92
	5222624	6/29/93	Burr	221	1	7/10/92
	5259133	11/9/93	Burtch	40	124.1	4/07/92
	5290033	3/01/94	Bittner et al.	273	138 A	12/02/92
	5316166	5/31/94	Pavely et al.	220	269	12/22/92

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	5324035	6/28/94	Morris et al.	273	138 A	12/01/92
	5335822	8/09/94	Kasper	221	259	3/11/93
	5344144	9/06/94	Canon	273	138 A	9/27/90
	5348299	9/20/94	Clapper, Jr.	273	138 A	5/06/92
	5372386	12/13/94	Mills	283	67	2/15/94
	5377975	1/03/95	Clapper, Jr.	273	138 A	11/16/92
	5407199	4/18/95	Gumina	273	139	5/28/93
	5407200	4/18/95	Zalabak	273	139	2/15/94
	5451052	9/19/95	Behm et al.	273	139	9/07/94
	5471039	11/28/95	Irwin, Jr. et al.	235	441	6/22/94
	5475205	12/12/95	Behm et al.	235	375	6/22/94
	5487544	1/30/96	Clapper, Jr.	273	138 A	9/14/94
	5536008	7/16/96	Clapper, Jr.	463	16	9/14/94
	5560610	10/01/96	Behm et al.	273	269	12/26/95
	5562284	10/08/96	Stevens	273	139	4/28/95
	5580311	12/03/96	Haste, III	463	29	3/17/95
	5595538	1/21/97	Haste, III	463	17	11/02/95
	5609337	3/11/97	Clapper, Jr.	273	138.2	7/10/95
	5645485	7/08/97	Clapper, Jr.	463	17	8/07/95
	5647592	7/15/97	Gerow	273	139	8/02/96
	5657899	8/19/97	Stoken	221	1	9/14/95
	5657991	8/19/97	Camarato	273	269	7/26/95

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Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
	5735432	4/07/98	Stoken et al.	221	1	5/06/96
	5749784	5/12/98	Clapper, Jr.	463	17	11/27/95
	5810664	9/22/98	Clapper, Jr.	463	17	3/05/97
	5857911	01/12/99	Fioretti	463	40	09/12/96
	5871398	2/16/99	Schneier et al.	463	16	3/29/96
	5915585	6/29/99	Ladina et al.	220	522	7/10/97
	5915588	6/29/99	Stoken et al.	221	2	9/09/96
	5928082	7/27/99	Clapper, Jr.	463	16	9/11/97
	5934671	8/10/99	Harrison	273	139	5/08/98
	5935002	08/10/99	Falciglia	463	19	04/28/97
	5941771	8/24/99	Haste, III	463	17	1/17/97
	5944606	8/31/99	Gerow	463	27	7/22/97
	5949042	9/07/99	Dietz, II et al.	235	375	1/21/97
	5951396	09/14/99	Tawil	463	19	03/11/97
	5971195	10/26/99	Reidinger et al.	220	521	11/03/97
	5980385	11/09/99	Clapper, Jr.	463	17	3/17/98
	5984779	11/16/99	Bridgeman et al.	463	16	9/19/97
	5984799	11/16/99	Romano	473	234	9/09/98
	6012984	01/11/00	Roseman	463	42	04/11/97
	6032820	3/07/00	Ladina et al.	220	522	3/30/99
	6110044	8/29/00	Stern	463	29	7/15/97
	6149522	11/21/00	Alcorn et al.	463	29	06/29/98

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	6183361	2/06/01	Cummings et al.	463	18	6/05/98
	6186892	02/13/01	Frank et al.	463	19	10/16/97
	6220961	4/24/01	Keane et al.	463	16	4/22/99
	6280325	08/28/01	Fisk	463	19	05/13/99
	6293424	9/25/01	Love	221	4	5/17/99
	6306038	10/23/01	Graves et al.	463	40	10/29/98
	6309298	10/30/01	Gerow	463	20	8/05/99
	6311860	11/06/01	Reidinger et al.	220	521	9/21/99
	6354941	03/13/02	Miller et al.	463	19	11/03/99
	6390916	05/21/02	Brown	463	17	03/22/01
	6398645	06/04/02	Yoseloff	463	19	04/20/99
	6402614	6/11/02	Schneier et al.	463	17	4/21/98
	6435408	8/20/02	Irwin, Jr. et al.	235	441	4/24/00
	6435500	8/20/02	Gumina	273	139	5/03/01
	6447395	9/10/02	Stevens	463	18	5/21/01
	6491215	12/10/02	Irwin, Jr. et al.	235	375	10/01/99
	6527175	3/04/03	Dietz et al.	235	381	9/03/99
	6543808	4/08/03	Mitchell, Jr. et al.	283	49	7/05/01
	6599187	7/29/03	Gerow	463	17	10/29/01
	6607439	8/19/03	Schneier et al.	463	17	5/14/02
	RE37371	9/18/01	Gerow	273	139	6/03/99

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